

Attorney Docket 030006
U.S. Application No. 10/720,941 Examiner Tran Art Unit 2151
Response to June 12, 2007 Office Action

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AMENDMENT TO THE CLAIMS

[c01] (Currently Amended) A method of providing communications services, comprising the steps of:

receiving a first data stream at a computer, the first data stream comprising packets of data packetized according to a packet protocol;
recursively segmenting the first data stream into segments, such that a characteristic of a preceding segment determines how a current segment is segmented;
dispersing the segments via a network for subsequent processing services;
receiving results of the processing services;
aggregating the results of the processing services into a second data stream; and
communicating the second data stream via the network.

[c02] (Currently Amended) A method according to claim 1, further comprising ~~the step of~~ receiving a request for the first data stream, the request originating from a client communications device.

[c03] (Currently Amended) A method of providing communications services, comprising the steps of:

receiving data at a computer, the data received as packets of data packetized according to a packet protocol;
segmenting the packets of data into segments according to a segmentation profile stored in memory;
dispersing at least one of the segments via a network for a subsequent processing service;
receiving results of the subsequent processing service;
aggregating the results of the subsequent processing service; and
communicating the aggregated results to a client communications device, wherein the aggregated results are formatted according to the segmentation profile.

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- [c04] (Currently Amended) A method according to claim 3, further comprising ~~the step of~~ processing at least one of the segments at a network device operating in the communications network.
- [c05] (Currently Amended) A method according to claim 3, wherein ~~the step of~~ dispersing the segments comprises dispersing according to the segmentation profile.
- [c06] (Currently Amended) A method according to claim 3, wherein ~~the step of~~ segmenting the packets of data comprises segmenting according to a template, the template describing a repetitive structure of the packets of data.
- [c07] (Currently Amended) A method according to claim 3, wherein ~~the step of~~ segmenting the packets of data comprises segmenting according to a dynamic requirement.
- [c08] (Currently Amended) A method according to claim 3, wherein ~~the step of~~ segmenting the packets of data comprises segmenting according to a network performance requirement.
- [c09] (Currently Amended) A method according to claim 3, wherein ~~the step of~~ segmenting the packets of data comprises segmenting according to availability of routing within the communications network.
- [c10] (Currently Amended) A method according to claim 3, wherein ~~the step of~~ segmenting the packets of data comprises segmenting according to availability of the subsequent processing service.
- [c11] (Currently Amended) A method according to claim 3, wherein ~~the step of~~ segmenting the packets of data comprises segmenting according to a network location of the subsequent processing service.

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- [c12] (Currently Amended) A method according to claim 3, wherein ~~the step of~~ segmenting the packets of data comprises segmenting according to a characteristic of the client communications device.
- [c13] (Currently Amended) A method according to claim 3, wherein ~~the step of~~ segmenting the packets of data comprises segmenting according to a security requirement.
- [c14] (Currently Amended) A method according to claim 3, wherein ~~the step of~~ segmenting the packets of data comprises segmenting according to a privacy requirement.
- [c15] (Currently Amended) A method according to claim 3, wherein ~~the step of~~ segmenting the packets of data comprises segmenting according to a Service Level Agreement.
- [c16] (Currently Amended) A method according to claim 3, wherein ~~the step of~~ segmenting the packets of data comprises segmenting according to a subscriber's schedule.
- [c17] (Currently Amended) A method according to claim 3, wherein ~~the step of~~ segmenting the packets of data comprises segmenting according to a subscriber's presence.
- [c18] (Currently Amended) A method according to claim 3, wherein ~~the step of~~ segmenting the packets of data comprises segmenting according to communications network resources of which a subscriber may access.
- [c19] (Currently Amended) A system, comprising:
- means for receiving a first data stream at a computer, the first data stream comprising packets of data packetized according to a packet protocol;
- means for recursively segmenting the first data stream into segments, such that a characteristic of a preceding segment determines how a current segment is segmented;

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means for dispersing the segments via a network for subsequent processing services;

means for receiving results of the processing services;

means for aggregating the results of the processing services into a second data stream; and

means for communicating the second data stream via the network

~~a Analysis Module stored in a memory device, the Analysis Module receiving data at a computer, the data received as packets of data packetized according to a packet protocol, the Analysis Module segmenting the packets of data into segments according to a segmentation profile stored in memory, the Analysis Module dispersing at least one of the segments via a network for a subsequent processing service, the Analysis Module receiving and aggregating results of the subsequent processing service, the Analysis Module communicating the aggregated results to a client communications device, wherein the aggregated results are formatted according to the segmentation profile; and a processor communicating with the memory device.~~

[c20] (Currently Amended) A computer program product comprising processor executable instructions for performing a method, the method comprising:

receiving a first data stream at a computer, the first data stream comprising packets of data packetized according to a packet protocol;

recursively segmenting the first data stream into segments, such that a characteristic of a preceding segment determines how a current segment is segmented;

dispersing the segments via a network for subsequent processing services;

receiving results of the processing services;

aggregating the results of the processing services into a second data stream; and

communicating the second data stream via the network

a computer-readable medium; and

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~~a Analysis Module stored on the computer-readable medium, the Analysis Module receiving data at a computer, the data received as packets of data packetized according to a packet protocol, the Analysis Module segmenting the packets of data into segments according to a segmentation profile stored in memory, the Analysis Module dispersing at least one of the segments via a network for a subsequent processing service, the Analysis Module receiving and aggregating results of the subsequent processing service, the Analysis Module communicating the aggregated results to a client communications device, wherein the aggregated results are formatted according to the segmentation profile.~~